

LOKANADHAM JYOSHNAVI

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Summary — B.Tech Graduate(Computer Science Engineering) — Coding Enthusiast — Strong Programming Skills — Leadership Experience (NCC Navy) — Continuous Learner — Multiple Certifications.

Education

Aditya University-Surampalem,Kakinada

2022-2026

Bachelor of computer science engineering

Minors: NCC(NAVY)-3 years-B,C certified-A grade

Certifications

- Red Hat Certified System Administrator-Modules (RedHat)
- Information Technology Specialist: Python, HTML/CSS, Java (Pearson VUE,Infosys Springboard)
- Java Foundations, Java Programming Learner (Oracle)
- Python for Data Science (Cognitive Class)
- Database Foundations (Oracle)
- SQL Basics,Java script,Java (HackerRank)
- NCC(NAVY) B, C-A Grade

Skills

Programming C, C++,Java, R, Python, HTML,Javascript, CSS, Assembly, BOOTSTRAP, UNIX, JSON , MySQL

Technologies AI,ML,React, Angular, Node.js (runtime), Express.js (backend for Node.js), Django (Python), Flask (Python), Spring (Java),OS,LINUX.

Certifications Red Hat, Cisco, Certipoint ,IT specialist, oracle,Infosys springboard,NCC B,C-A grade etc

Tools Visual Studio Code (VS Code), IntelliJ IDEA, PyCharm, Eclipse, Sublime Text, VMware, GitLab CI/CD, GitHub Actions, AWS Console/CLI, Google Cloud Console/gcloud CLI, MongoDB Compass, npm (Node.js), pip (Python) etc..

Frameworks TensorFlow / PyTorch, React Native, Flutter, Spring / Spring Boot, Flask, Django, Express.js, Angular, React.

Databases MySQL,Mongo DB

Projects

Individual & Collaborative Projects

AI-Driven Portfolio Creator (AI-Bolt, React, Frontend Development)

MAY-2025

- Engineered an AI-driven platform for generating diverse digital portfolios, utilizing artificial intelligence for content curation.
- Leveraged React to build a dynamic and responsive frontend user experience.

ML Web Disease Cancer Prediction with Precision (ML-SVM(scikit-learn),Predictive Analytics)

APRIL 2025

- Developed a high-precision ML web application for disease and cancer prediction, encompassing data processing and model deployment.
- Integrated robust machine learning models into a web interface for accessible diagnostic support.

Hospital Pre-Booking Web Application (Full-stack web development,React,Team Leadership)

JAN-2025

- Engineered a web application for hospital pre-bookings, streamlining appointments and administrative tasks.
- Led a team to create a user-friendly and robust healthcare management solution.

Zoom-like App Emotion Detection of Students (Computer Vision, ML-ROBOFLOW, Real-time Analysis)

NOV-2024

- Created a video conferencing application with real-time student emotion detection using advanced computer vision and machine learning.
- Provided insights into engagement and well-being during virtual sessions.

Smart Stick (IoT, Embedded Systems, Hardware-Software Integration)

SEP-2024

- Designed and implemented an innovative "Smart Stick" leveraging IoT and embedded systems for assistive technology.
- Showcased expertise in hardware-software integration to provide functionalities like navigation or obstacle detection.
- Enhancing independence and safety for visually impaired users through real-time obstacle detection, navigation assistance, and environmental awareness.

- Developed an interactive Java/MySQL application for visualizing sorting and search algorithms with animated effects.
- Included a quiz engine to enhance learning and reinforce algorithmic understanding.

- Built a real-time e-commerce simulation showcasing comprehensive product management and robust data operations.
- Demonstrated full-stack development for an interactive shopping experience.

Academic and Extracurricular Achievements

Overview of Accomplishments

JUL 2020 – DEC 2024

Competitive & Academic Honors

- Secured 1st position in the Mini-Project Expo.
- Awarded 2nd place in the coding challenges and Hackathon.
- Achieved "top 1/50" in the National Talent Mathematics Competition (NTSE) among ICSE colleges (2019).
- Recognized "top 2/50" in Classical Performance (Kuchipudi) Competition among ICSE colleges (2019).
- Secured 10th rank out of 1500 in the ICSE Board Examination (2020).

Leadership & Recognition

- Achieved "top 1/50" as Cadet Captain in NCC and Engineering Fellow (2022).
- Recognized as "3rd/600" and "1st/50" as Cadet Captain in NCC and Engineering Fellow (2023).
- Participated in prestigious national camps including Nau Sainik Camp, All India Trekking Camp (AIATC), and training at INS Shivaji (Mumbai) and the Indian Naval Academy (Kerala).(2024)

To Know more

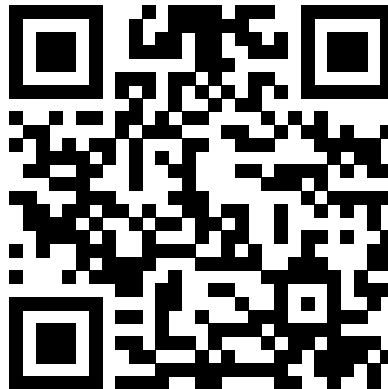


Figure 1: SCAN ME!